

VALID

Pat. No. 05977072 - 7  
Issue Date: 07/05/04

Group ID: A  
User ID: Gpreti

Page 1  
KS: 1,272

Warning [Pages Of Foreign References:]

page 1 has no references  
page 2 has no references  
page 3 has no references  
page 4 has no references

Warning [Pages Of Other References:]

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page 4 has no references

Warning [Inventor Names Versus Inventors:]

the inventors at position 1 do not match because the first  
name(Michael) from the oath does not match the first name(Bruce)  
from checklist

*ind present*

CHECK LIST

Rule 47      Continuing Data      PCT      Disclaimer

No              No              No      No

Microfiche Appendix      CPA tag

No              No

Foreign Priority Claimed: No  
Acknowledged: No

State Code: TX      Country Code:

Text Endorsement: 09586518.060200

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JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/586,518	06/02/00	702	117	2857

FOREIGN PRIORITY  
Country      Document Number      Date

DISCLAIMER

/ /

TITLE

Resistivity analysis

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Mohamed		Charioui

PRIMARY EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Marc	S.	Hoff

CLAIMS ALLOWED

Total      Print

23            1

DRAWINGS

Sheets      Figures      Print

11            11            Y

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BLUE SLIP INFORMATION

SERIAL NUMBER      CLASS      SUBCLASS      GAU

09/586,518            702            117            2857

INDEP. CLAIMS

TOTAL CLAIMS

21,1,19,22,23,14

23

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BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class      SubClass

G01R            31/14

CROSS-REFERENCES

Class      SubClass

324            750

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TERM EXTENSION

165

FIELD OF SEARCH

Class      SubClass

702            35;57-59;64;65;69;72;75-80;108;117-126;133;134;183-186;189

324            500;501;512;520-535;537;750-756;763;765;538;555;600;691;693;702;  
703;705;96;97;105

438            14-18

326 37-47;101

714 25;30;32;33;37;40;41;724-725

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OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Michael	R.	Bruce	Yes
<u>City:</u>	Austin		
<u>State:</u> TX	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Victoria	J.	Bruce	Yes
<u>City:</u>	Austin		
<u>State:</u> TX	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Rosalinda	M.	Ring	Yes
<u>City:</u>	Austin		
<u>State:</u> TX	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Edward Jr.	I.	Cole	Yes
<u>City:</u>	Albuquerque		
<u>State:</u> NM	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
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Page 4

Charles F. Hawkins Yes

City: Albuquerque

State: NM ZIP Code: Country: Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:

Paiboon Tangyungong Yes

City: Albuquerque

State: NM ZIP Code: Country: Foreign ZIP:

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PCT INFO

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CONTINUING DATA (Page 1)

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE

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REFERENCES (Page 1) SERIAL NUMBER: 09/586,518  
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
*6,160,407	12/2000	Nikawa	324	750
No issue date available.				
5,872,360	02/1999	Paniccia et al.	250	341.4
5,504,017	04/1996	Yue et al.	374	5
*6,154,039	11/2000	Wu	324	752
No issue date available.				
*6,377,897	04/2002	Boyington et al.	702	81
No issue date available.				
5,589,776	12/1996	Morant	324	534

FOREIGN REFERENCES

<u>Foreign</u>	<u>Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
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OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

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REFERENCES (Page 2) SERIAL NUMBER: 09/586,518  
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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5,430,305	07/1995	Cole, Jr. et al.	250	559.07
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4,875,209	10/1989	Mathewes, Jr. et al.	714	32
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5,557,559	09/1996	Rhodes	324	752
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*6,255,124	07/2001	Birdsley	324	750
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No issue date available.

*6,078,183	06/2000	Cole, Jr.	324	750
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No issue date available.

*<1,1>6,160,407	12/2000	Nikawa		
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REFERENCES (Page 3) SERIAL NUMBER: 09/586,518  
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
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<2,1>5,430,305	07/1995	Cole, Jr. et al.		
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5,414,370	05/1995	Hashinaga et al.	324	760
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4,640,626	02/1987	Schmid et al.	250	310
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*6,146,014	11/2000	Bruce et al.	374	120
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No issue date available.

*6,168,311	01/2001	Xiao et al.	250	227.11
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Page 6

No issue date available.

FOREIGN REFERENCES

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REFERENCES (Page 4) SERIAL NUMBER: 09/586,518  
FORM 1449

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\*<2,5>6,078,183 06/2000 Cole, Jr.  
No issue date available.

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Warning [Inventor Names Versus Inventors:]

the inventors at position 1 do not match because the first  
name(Michael) from the oath does not match the first name(Bruce)  
from checklist  
the inventors at position 5 do not match because the first  
name(Paiboon) from the oath does not match the first  
name(Charles) from checklist  
the middle name() from the oath does not have the same first letter as  
the middle name(F.) from checklist  
the last name(Tangyungong) from the oath does not match the last  
name(Hawkins) from checklist  
the inventors at position 6 do not match because the first  
name(Charles) from the oath does not match the first  
name(Paiboon) from checklist  
the middle name(F.) from the oath does not have the same first letter  
as the middle name() from checklist  
the last name(Hawkins) from the oath does not match the last  
name(Tangyungong) from checklist

18/18

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CHECK LIST

Rule 47      Continuing Data      PCT      Disclaimer

No /      No /      No /      No /

Microfiche Appendix      CPA tag

No /      No /

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09/586,518 /	06/02/00 /	702 /	117 /	2857 /

<u>FOREIGN</u>	<u>PRIORITY</u>	
<u>Country</u>	<u>Document Number</u>	<u>Date</u>

DISCLAIMER

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TITLE

Resistivity analysis /

MICROFICHE APPENDIX

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<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Mohamed /		Charioui /

PRIMARY EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Marc /	S. /	Hoff /

CLAIMS ALLOWED

Total      Print

23 /      1 /

DRAWINGS

Sheets      Figures      Print

11 /      11 /      Y /

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INDEP. CLAIMS

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Class      SubClass

324 /      750 /

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TERM EXTENSION

165 /

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Class      SubClass

702 /      35;57-59;64;65;69;72;75-80;108;117-126;133;134;183-186;189 /

324 /      500;500<sup>1</sup>;512;520-535;537;750-756;763;765;538;555;600;691;693;70<sup>2</sup>;703;705;96;97;105 /

438 /      14-18 /

326 / 37-47;101 /

714 / 25;30;32;33;37;40;41;724-725 /

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OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Michael /	R. /	Bruce /	Yes /
<u>City:</u>	Austin /		
<u>State:</u> TX /	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Victoria /	J. /	Bruce /	Yes /
<u>City:</u>	Austin /		
<u>State:</u> TX /	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Rosalinda /	M. /	Ring /	Yes /
<u>City:</u>	Austin /		
<u>State:</u> TX /	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Edward Jr. /	I. /	Cole /	Yes /
<u>City:</u>	Albuquerque /		
<u>State:</u> NM /	<u>ZIP Code:</u>	<u>Country:</u>	<u>Foreign ZIP:</u>

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Page 4

Paiboon ✓

Tangyungong ✓

Yes ✓

City: Albuquerque ✓

State: NM ✓ ZIP Code: Country: Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:

Charles ✓ F. ✓ Hawkins ✓ Yes ✓

City: Albuquerque ✓

State: NM ✓ ZIP Code: Country: Foreign ZIP:

PCT INFO

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*6,160,407 ✓ No issue date available.	12/2000	Nikawa ✓	324 ✓	750 ✓
5,872,360 ✓	02/1999	Paniccia et al. ✓	250 ✓	341.4 ✓
5,504,017 ✓	04/1996	Yue et al. ✓	374 ✓	5 ✓
*6,154,039 ✓ No issue date available.	11/2000	Wu ✓	324 ✓	752
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5,589,776 ✓	12/1996	Morant ✓	324 ✓	534 ✓

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5,557,559 ✓	09/1996	Rhodes ✓	324 ✓	752 ✓
*6,255,124 ✓ No issue date available.	07/2001	Birdsley ✓	324 ✓	750 ✓
*6,078,183 ✓ No issue date available.	06/2000	Cole, Jr. ✓	324 ✓	750 ✓
*<1,1>6,160,407 ✓ No issue date available.	12/2000	Nikawa ✓		

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5,414,370 ✓	05/1995	Hashinaga et al. ✓	324 ✓	766 ✓
4,640,626 ✓	02/1987	Schmid et al. ✓	250 ✓	310 ✓
*6,146,014 ✓ No issue date available.	11/2000	Bruce et al. ✓	374 ✓	120 ✓
*6,168,311 ✓	01/2001	Xiao et al. ✓	250 ✓	227.11 ✓

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\*<2,5>6,078,183 06/2000 Cole, Jr. ✓  
No issue date available.

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